
Question

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Dynamic SQL query on record that is locked

Is there a way to perform an %Prepare()/%Execute() that will wait until the record being queried is unlocked by another process?

Ex:

Process 1 - is opening record, updating, then saving. NOTE: this is using embedded SQL

```
&sql(SELECT %ID INTO :id FROM table WHERE Prop=:prop)
s obj=##class(APPTRACKER.CacheHB.CustomEventCacheHB).%OpenId(eventId)
//updating record...
s sc=obj.%Save()
```

Process 2 - is querying the same record while Process 1 has it open. Result is nothing is returned and %SQLCODE is 0

```
//simplified snippet with extra code removed
...
s sql = ##class(%SQL.Statement).%New()
s sc=sql.%Prepare("SELECT TOP 1 * FROM class WHERE Prop='_prop_'")
i $$$ISOK(sc) {
    s rset = sql.%Execute()
    i 'rset.%SQLCODE {
        i rset.%Next() {
            s propVal=rset.%Get(prop)
        }
    }
}
```

[#Caché](#)

Product version: IRIS 2021.1

Source URL: <https://community.intersystems.com/post/dynamic-sql-query-record-locked>